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INTRODUCTION:

a short description of the petroleum industry of the USSR,
not including the activities of the petroleum refining industry. It
is necessary to take into account the fact that all absolute figures
stated herein were through the year 1951.

Beginning with the year
1952, all absolute figures, written here, are computed on
the basis of related figures appearing in the Soviet press and on my
knowledge of the activities of several branches of Soviet
industry, including the petroleum industry. This work
makes no pretense at being an
official document, but all data contained herein have been determined
with the maximum possible degree of accuracy, and if there are any errors
they will not be big and will not alter the actual situation as it
exists in the USSR today. This report consists of the following three
main divisions:

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- I. Petroleum sources in the USSR
- II. New sources of petroleum, discovered and put into production in the period 1945-1951
- III. The volume of petroleum production in the various years, with a break-down according to petroleum producing regions.

The figure data have been arranged in tables for the sake of convenience.

I. PETROLEUM SOURCE AREAS IN THE USSR

(A) Azerbaijan SSR

The basic and most important petroleum producing areas in the Azerbaijan SSR are:

Apsheron'sky Peninsula
Artem Island
Sabunchi
Surakhany
Bibi Eybat
The Bay of Il'icha
Neftechala
Naftalan
Siyan'

Besides these regions, petroleum wells have been brought into operation in the region of Kirovobad.

(B) RSFSR

- (1) The old sources in the north Caucasus in the regions:

Maykop
Grozniy
Krasnodar
Makhachkala
Achi-Su
Izberbash

- (2) Sources on Sakhalin Island in the regions:

Okha
Katangli and Ekhabl

- (3) Sources in the north in the regions:

Ukhta
Troitsko-Pechersk
Kovzha

- (4) "The second Baku" along the Volga, including Molotov Oblast' and Ural in the following regions:

Krasnokamsk Molotov Oblast'
Severokamsk Molotov Oblast'
Ishimbay Bashkirsk ASSR
Tuymazy Bashkirsk ASSR
Sizran' Kuibyshevsk Oblast'
Buguruslan Chkalovsk Oblast'
Stavropol'
Saratov
Kuibyshev

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(C) Kazakh SSR

The old sources are in the following regions:

Iskine
Koschagyl
Dossor
Makat
Shabar Kuduk
Emba
Aktyubinsk

(D) Turkmen SSR

The old sources are in the regions:

Webit Dag
Vyshka
Cheleken Peninsula

(E) Uzbek SSR

Neftebad
Chemion Shorsu
Rayon Andizhana

(F) Ukrainian SSR

Drogobycheski-Staneslavskiy rayon
Romna Sumskaya Oblast' region (in preliminary stages
of operation)

(G) Gruzinsk SSR

There is inconsequential working of oil wells in the regions:

Mirzaani
Malye Shiraki
Korio Marktobi (in preliminary stages of development)

(H) Tadzhik SSR

Leninabad

(I) Kirgiz SSR

In the regions of Dzhahal Abad and Tashkumir there are very small workings, principally for local needs.

II. NEW SOURCES OF PETROLEUM DISCOVERED IN RECENT TIMES

(A) Azerbaijan SSR

In the region of Kirovobad there are now oil wells in operation

(B) RSFSR

Saratov rayon
Kuibyshev rayon

Altogether in the regions of "the second Baku" during the World War II years and post-war years, more than 30 oil wells have been opened, and at present they are all in industrial production. Besides this, new oil wells in the Makhachkala region have been discovered, and are also in industrial production.

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(C) Turkmen SSR

Exploration is underway and, at present, it is possible that oil wells are already working in the eastern regions of:

Pitnyak
Gaurdak

(D) Uzbek SSR

Oil wells have been discovered, and are already in production in the region of Andizhama at:

Uch-Kyzyl
Khaudage

(E) Gruzin SSR

At present the oil wells which were discovered earlier are in production in the regions of the Shiraki Valley, north of the River Kury. They are:

Malye Shiraki
Mirzaani

Besides this, there has been prospecting in the northern valleys of the Kury River in the region of Norio-Marktobi, and it is possible that there are some oil wells already in production in this area.

(F) Kirgiz SSR

At present, prospecting is being carried on, and part of the oil wells have already been put into operation in the regions:

Dzhalal Abad
Tashkumyr

However, these wells are very small, and their production is used to fulfill the needs of the local industries.

III. PETROLEUM PRODUCTION BY REGIONS

(A) Azerbaijan SSR

Petroleum production in the Azerbaijan SSR and partly in the region of Baku has in recent times dropped considerably in comparison with what it was in the pre-World War II period. In the post-war years, and especially in the most recent years, the practice of drilling sea wells has spread widely. There have been many such wells drilled in the Artem Island area, and around the Islands of Zhiloy and Nargen. Besides this, in recent times the system of inclined drilling has been put into practice with the purpose of taking oil out of areas underneath the city of Baku. In spite of all these attempts to raise petroleum production, in the year 1951 the Azerbaijan production did not reach the same level as it did before the war.

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The change in oil production by years is characterized by the following data:

Years	Production in Millions of Tons	
	Planned	Actual
1938	--	21.7
1939	--	22.6
1940	--	21.3
1950	17.0	17.9 - 18.1
1951	18.2	19.1
1952	20.2	--
1953	22.2	--
1954	23.5	--
1955	25.5	--

(B) RSFSR

Oil production in RSFSR at present shows a sharp increase over the pre-World War II production. This can be explained by the fact that there has been a very significant growth in the rate of petroleum output in "the second Baku." For example, in 1940 1.5 million tons of oil were produced, while in 1951, 9.6 million tons were produced.

Petroleum production in the RSFSR is characterized by the following data:

Years	Production in Millions of Tons	
	Planned	Actual
1940	--	7.0
1950	14.5	15.9
1951	19.0	19.8
1952	21.7	--
1953	25.1	--
1954	28.2	--
1955	33.0	--

The above table gives data on production in all regions of the RSFSR. Following is a table showing a breakdown according to the individual regions of the RSFSR, which should make the picture clearer.

Years	Name of Region	Production in Millions of Tons	
		Planned	Actual
1940	"Second Baku"	--	1.5
1940	North Caucasus	--	4.5
1940	North	--	--
1940	Far East	--	1.0
	Total	--	7.0
1950	"Second Baku"	6.5	7.0
1950	North Caucasus	5.5	6.1
1950	North	0.5	0.6
1950	Far East	2.0	2.2
	Total	14.5	15.9

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Years	Name of Region	Production in Millions of Tons	
		Planned	Actual
1951	"Second Baku"	9.0	9.6
1951	North Caucasus	6.8	7.0
1951	North	0.7	0.7
1951	Far East	2.5	2.5
	TOTAL	19.0	19.8
1952	"Second Baku"	10.7	
1952	North Caucasus	7.5	
1952	North	0.8	
1952	Far East	2.7	
	TOTAL	21.7	
1953	"Second Baku"	12.6	
1953	North Caucasus	8.5	
1953	North	1.0	
1953	Far East	3.0	
	TOTAL	25.1	
1954	"Second Baku"	14.5	
1954	North Caucasus	9.2	
1954	North	1.1	
1954	Far East	3.4	
	TOTAL	28.2	
1955	"Second Baku"	16.8	
1955	North Caucasus	11.2	
1955	North	1.2	
1955	Far East	3.8	
	TOTAL	33.0	

(C) Kazakh SSR

The growth in oil production here is due primarily to the more intensified exploitation of existing oil wells. New oil-producing areas in Kazakh SSR have, in the meantime, not been equipped, and there has not been any new prospecting in recent years.

Petroleum production in Kazakh SSR is as follows:

Years	Production in Millions of Tons	
	Planned	Actual
1940	--	0.7
1950	1.2	1.4
1951	1.8	1.9
1952	2.0	--
1953	2.2	--
1954	2.7	--
1955	3.1	--

The basic, more important oil-producing and oil-refining factories are in the regions of Emba and Aktyubinsk. Besides these, there are oil refineries in Gurev and a pipe-line between Gurev and Orsk.

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(D) Turkmen SSR

As in the majority of oblasts in the USSR which contain sources of petroleum, the petroleum refining industry in Turkmen is concentrated mainly in regions producing petroleum. The greatest concentration of petroleum refineries in Turkmen is in Krasnovodsk and Nebit Dage. Oil production in Turkmen has increased mainly on account of the more intense exploitation of existing petroleum sources.

Petroleum production in Turkmen SSR is as follows:

Years	Production in Millions of Tons	
	Planned	Actual
1940	--	1.0
1950	1.104	1.3
1951	1.6	1.8
1952	1.9	
1953	2.1	
1954	2.6	
1955	2.9	

(E) Uzbek SSR

The petroleum industry of Uzbek SSR has increased due to the more intensive working of oil wells already in existence, especially in the regions of Neftebad and Fergana, and also on account of further discovery and opening of new wells in the region of Andizhane. It is necessary to note, however, that up until recently most of the petroleum production was used by local industry.

Petroleum production in Uzbek SSR is characterized as follows:

Years	Production in Millions of Tons	
	Planned	Actual
1940	--	0.6
1950	1.066	1.2
1951	1.7	1.8
1952	1.9	
1953	2.3	
1954	2.9	
1955	3.5	

(F) Ukrainian SSR

Petroleum production in the Ukrainian SSR has just barely begun to reach the pre-World War II level. The reason for this was that the old petroleum resources in the Drobychsk-Stanislavovsk region were destroyed during the war and were restored very slowly. In the region of Romny some of the wells are just beginning to produce and others have already begun industrial production.

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Petroleum production in the Ukrainian SSR is characterized as follows:

Years	Production in Millions of Tons	
	Planned	Actual
1940	--	0.4
1950	0.325	0.4
1951	0.4	0.4
1952	0.5	
1953	0.6	
1954	0.7	
1955	0.8	

(G) Gruzinsk SSR

Up to World War II the petroleum industry did not exist in Gruzinsk SSR. After the war intensive prospecting for new sources of petroleum was begun. The prospecting yielded some results but none so extensive as were expected earlier. It is true that there are some wells in production now, but their production is so small that it does not even suffice for local industrial needs.

Petroleum production in Gruzinsk SSR is characterized by the following:

Years	Production in Millions of Tons	
	Planned	Actual
1940	--	--
1950	0.110	0.2
1951	0.6	0.6
1952	0.8	
1953	1.1	
1954	1.5	
1955	1.7	

(H) Tadzhik SSR

Up until World War II there was no petroleum industry in Tadzhik SSR. After the war, as a result of intense prospecting, a few small oil reserves were found and put into production. But the quantity of oil is so small in these reserves that it is all used for the needs of local industry. Work on the increase of resources has been strengthened lately and has allowed a marked increase in production.

Petroleum production for the Leninabad Rayon of the Tadzhik SSR is characterized as follows:

Years	Production in Millions of Tons	
	Planned	Actual
1940	--	--
1950	0.060	0.080
1951	0.2	0.2
1952	0.3	
1953	0.4	
1954	0.6	
1955	0.7	

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Petroleum production in the USSR from 1940 to 1951 inclusive is characterized by the following data:

Name of Region	Production of Petroleum Per Year in Millions of Tons				
	1940	1950		1951	
	Actual	Planned	Actual	Planned	Actual
1. Azerbaijan SSR	21.3	17.0	18.0	18.2	19.1
2. RSFSR					
(a) "Second Baku"	1.5	6.5	7.0	9.0	9.6
(b) North Caucasus	4.5	5.5	6.1	6.8	7.0
(c) North	---	0.5	0.6	0.7	0.7
(d) Far East	1.0	2.0	2.2	2.5	2.5
3. Kazakh SSR	0.7	1.2	1.4	1.8	1.9
4. Turkmen SSR	1.0	1.104	1.3	1.6	1.8
5. Uzbek SSR	0.6	1.066	1.2	1.7	1.8
6. Ukrainian SSR	0.4	0.325	0.4	0.4	0.4
7. Gruzinsk SSR	---	0.110	0.2	0.6	0.6
8. Tadzhik SSR	---	0.060	0.080	0.2	0.2
Total	31.0	35.365	38.48	43.5	45.6

Petroleum production for the USSR from 1952 to 1955 has been planned as follows:

Name of Region	Production of Petroleum Per Year in Millions of Tons							
	1952		1953		1954		1955	
	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
1. Azerbaijan SSR	20.2		22.2		23.5		25.5	
2. RSFSR								
(a) "2nd Baku"	10.7		12.6		14.5		16.8	
(b) North Caucasus	7.5		8.5		9.2		11.3	
(c) North	0.8		1.0		1.1		1.2	
(d) Far East	2.7		3.0		3.4		3.8	
3. Kazakh SSR	2.0		2.2		2.7		3.1	
4. Turkmen SSR	1.9		2.1		2.6		2.9	
5. Uzbek SSR	1.9		2.3		2.9		3.3	
6. Ukrainian SSR	0.5		0.6		0.7		0.8	
7. Gruzinsk SSR	0.8		1.1		1.5		1.7	
8. Tadzhik SSR	0.3		0.4		0.6		0.7	
Total	49.3		56.0		62.7		71.2	

The data in the table, beginning with 1952, show that the government, in setting the plans for petroleum production, has laid special stress on the "Second Baku" region.

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